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Title: **JP11260372A2: MANUFACTURE OF NONAQUEOUS SECONDARY B**

Country: **JP** Japan
Kind: **A**

Inventor: **FURUKAWA SANEHIRO;**
FUJIMOTO MASAHISA;
YOSHINAGA NORIYUKI;
UENO KOJI;

Assignee: **SANYO ELECTRIC CO LTD**
News, Profiles, Stocks and More about this company

Published / Filed: **1999-09-24** / 1999-01-14

Application Number: **JP1999000008215**

IPC Code: **H01M 4/66;** H01M 2/02; H01M 4/02; H01M 10/40;

Priority Number: 1999-01-14 **JP1999019998215**

Abstract:

PROBLEM TO BE SOLVED: To improve the cycle characteristic and load characteristic, while preventing the elution of a collector by constructing a positive electrode collector and/or a positive electrode armor of aluminum with aluminum oxide coating on the surface and having lithium intercalate into a negative electrode material by injecting an electrolyte.

SOLUTION: A positive electrode collector is constructed of an aluminum foil with the surface covered with aluminum oxide. By mixing petroleum coke with N-methylpyrrolidone solution, in which polyvinylidene fluoride is dissolved, a mixed solution is prepared. Next, by applying this mix solution to a negative electrode collector made of copper foil and then bringing the negative collector into contact with lithium foil, a negative electrode 2 is formed. Lithium on the negative electrode 2 is intercalated into the petroleum coke serving as a negative electrode material after injecting the electrolyte. Then, a separator 3 is arranged between the positive electrode 1 and the negative electrode 2, and these are wound up into a spiral shape and form a group 4 of electrodes.

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Family: None

Other Abstract Info: DERABS C1999-596408 DERABS C1999-596408

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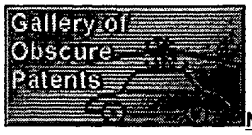

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(22) Application date: **14.01.99**

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(43) Date of application publication: **24.09.99**

(84) Designated contracting states:

(71) Applicant: **SANYO ELECTRIC CO**

(72) Inventor: **FURUKAWA SANEHIRO**
FUJIMOTO MASAHISA
YOSHINAGA NORIYUK
UENO KOJI

(74) Representative:

(54) MANUFACTURE OF NONAQUEOUS SECONDARY BATTERY

(57) Abstract:

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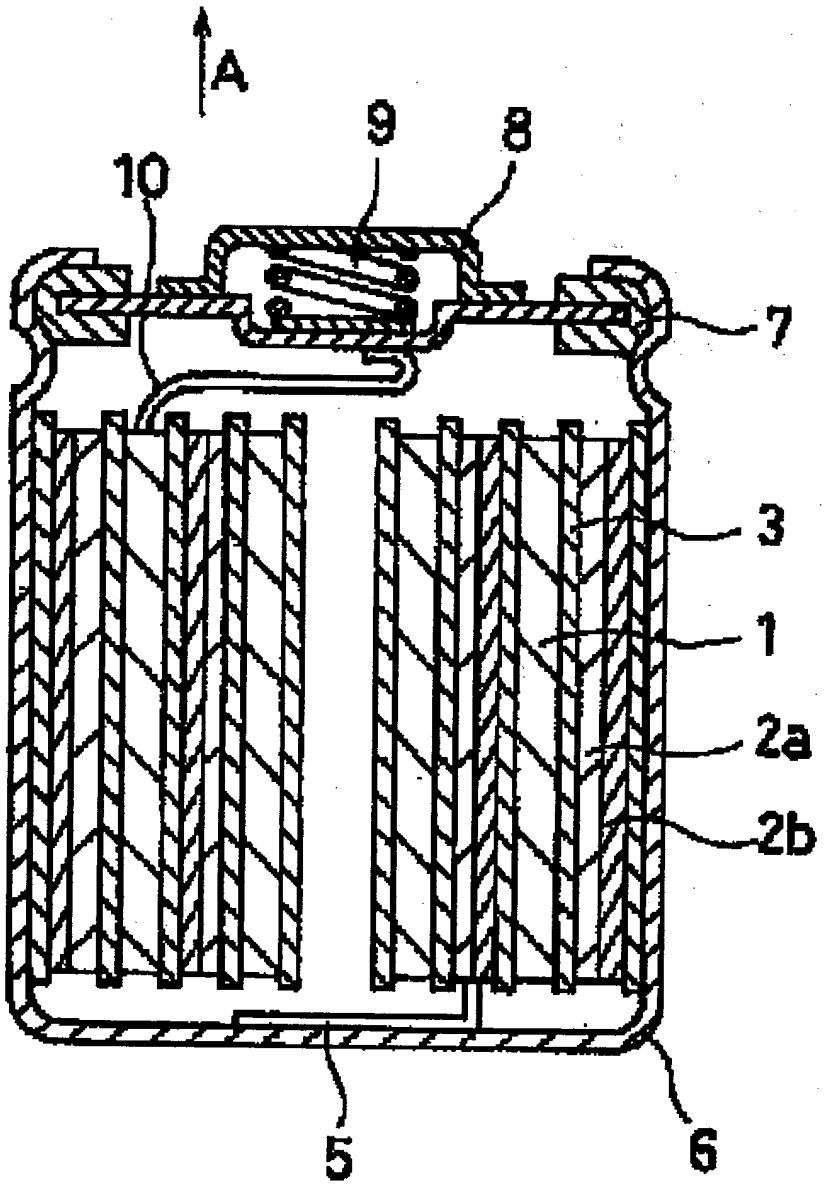

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